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EIC 3600

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**TO: Patricia Volpe
Location: 8A03
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Thursday, October 14, 2004**

Case Serial Number: 10/084588

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Search Notes

LITIGATION SEARCH

#6032128

Source: [Legal > Area of Law - By Topic > Patent Law > Patents > U.S. Patents > Utility, Design and Plant Patents](#) 

Terms: **patno=6032128** ([Edit Search](#))

990241 (08) 6032128 February 29, 2000

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6032128

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February 29, 2000

Method and apparatus for detecting item placement and item removal during operation of a self-service checkout terminal

INVENTOR: Morrison, James, Suwanee, GA; Lutz, Dusty L., Lawrenceville, GA

APPL-NO: 990241 (08)

FILED-DATE: December 15, 1997

GRANTED-DATE: February 29, 2000


ASSIGNEE-AT-ISSUE: NCR Corporation, Dayton, OH

ASSIGNEE-AFTER-ISSUE: December 15, 1997 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., NCR CORPORATION LAW DEPARTMENT 1700 S. PATTERSON BLVD. DAYTON OHIO 45479, Reel and Frame Number: 008908/0848

CORE TERMS: processing, user, post-scan, checkout, subroutine, shelf, terminal, log, routine, grocery ...

ENGLISH-ABST:

A method of providing security during operation of a checkout terminal, with the terminal having a first scale, includes the step of storing a first identification code associated with an input item in a memory in response to entry of the input item into the terminal. The method also includes the step of detecting the weight of the input item with the first scale and storing an input weight value associated with the weight of the input item in the memory in response thereto. The method further includes the step of retrieving a second identification code associated with a removal item from the memory in response to a user voiding entry of the removal item. Moreover, the method includes the step of detecting the weight of the removal item with the first scale and generating a removal weight value associated with the weight of the removal item in response thereto. The method yet further includes the step of generating a wrong-item-removed control signal if (1) the first identification code is the same as the second identification code, and (2) the input weight value does not match the removal weight value.

Source: [Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Patents](#) > [U.S. Patents](#) > [Utility, Design and Plant Patents](#) 

Terms: **patno=6032128** ([Edit Search](#))

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Date/Time: Thursday, October 14, 2004 - 11:03 AM EDT

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Patent Number :

US6032128 A 20000229 [US6032128]

Title :

(A) Method and apparatus for detecting item placement and item removal during operation of a self-service checkout terminal

Patent Assignee :

(A) NCR CORP (US)

Patent Assignee :

NCR Corporation, Dayton OH [US]

Inventor(s) :

(A) MORRISON JAMES (US); LUTZ DUSTY L (US)

Application Nbr :

US99024197 19971215 [1997US-0990241]

Priority Details :

US99024197 19971215 [1997US-0990241]

Intl Patent Class :

(A) A47F-009/04 G06F-017/00

EPO ECLA Class :

A47F-009/04D1A

G07G-001/00C2D

US Patent Class :

ORIGINAL (O) : 705023000; CROSS-REFERENCE (X) : 186061000 235383000
235462010 235462310 235462430 702023000 705025000 705026000

Document Type :

Basic

Citations :

US3836755; US4676343; US4779706; US4788467; US4792018; US4940116;
US4964053; US5083638; US5125465; US5378860; US5635906; US5747784

Publication Stage :

(A) United States patent

Abstract :

A method of providing security during operation of a checkout terminal, with the terminal having a first scale, includes the step of storing a first identification code associated with an input item in a memory in response to entry of the input item into the terminal. The method also includes the step of detecting the weight of the input item with the first scale and storing an input weight value associated with the weight of the input item in the memory in response thereto. The method further includes the step of retrieving a second identification code associated with a removal item from the memory in response to a user voiding entry of the removal item. Moreover, the method includes the step of detecting the weight of the removal item with the first scale and generating a removal weight value associated with the weight of the removal item in response thereto. The method yet further includes the step of generating a wrong-item-removed control signal if (1) the first identification code is the same as the second identification code, and (2) the input weight value does not match the removal weight value.

Update Code :

2000-10

1 / 1 CRXX - @CLAIMS/RRX

Patent Number :

6,032,128 A 20000229 [US6032128]

Patent Assignee :

AT&T Global Information Solutions Co

Actions :

20020227 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20020521

REISSUE REQUEST NUMBER: 10/084588

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Patent Number :

US6032128 A 20000229 [US6032128]

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(A) Method and apparatus for detecting item placement and item removal during operation of a self-service checkout terminal

Patent Assignee :

(A) NCR CORP (US)

Patent Assignee :

NCR Corporation, Dayton OH [US]

Inventor(s) :

(A) MORRISON JAMES (US); LUTZ DUSTY L (US)

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Intl Patent Class :

(A) A47F-009/04 G06F-017/00

EPO ECLA Class :

A47F-009/04D1A

G07G-001/00C2D

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ORIGINAL (O) : 705023000; CROSS-REFERENCE (X) : 186061000 235383000
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